

In the Claims:

Please substitute claims 42 and 43 presented below for claims 42 and 43 previously presented. Please add claims 44-66. Please cancel claims 20-41 (claims 1-19 were previously canceled). The status of each claim is indicated. Currently amended claims are shown with additions underlined and deletions in ~~strikethrough~~.

1-41. (Canceled)

42. (Currently amended) A medical stent comprising:

a first section defining a lumen and comprising a substantially planar, spiral first coil completing more than one revolution, wherein the first coil revolves in an ever increasing distance about an axis of the stent from an origin of the coil to an end of the coil;

a second section defining a lumen and comprising a second coil ~~completing at least one revolution, wherein,~~ the second coil being generally perpendicular to the ~~first~~^{fast} coil; and

a third section disposed between the first section and the second section, the third section generally extends along, and is substantially coaxial with, the axis.

43. (Currently amended) The stent of claim 42, wherein the first coil is sized such that at least a portion of the first coil resides at the junction of a bladder and a ureter in a patient.

44. (New) The stent of claim 42, wherein the first section is composed of a first material, the second section is composed of a second material, the second material being different than the first material.

45. (New) The stent of claim 44, wherein the first material has a durometer value of about 70 to about 90 on a Shore A scale.

46. (New) The stent of claim 44, wherein the second material has a durometer value of about 80 to about 95 on a Shore A scale.

47. (New) The stent of claim 42, wherein the first section is composed of a first material, the second section is composed of a second material, the second material being softer than the first material.

48. (New) The stent of claim 42, wherein the first section is composed of a first material, the second section is composed of a second material, the second material being different than the first material, the third section being composed of a coextrusion of the first material and the second material.

49. (New) The stent of claim 42, wherein the second coil completes at least one revolution.

50. (New) The stent of claim 42, wherein a cross-section of at least one of the first section, the second section, and the third section is substantially circular.

51. (New) The stent of claim 42, wherein the first section is homogeneous and is composed of a first material, the second section is homogeneous and is composed of a second material, the second material being different than the first material.

52. (New) A medical stent comprising:

an elongate member having a first retention portion, a second retention portion, and a medial portion disposed between the first retention portion and the second retention portion,

the first retention portion configured to be placed in a bladder of a patient and including a substantially planar coil, the coil of the first retention portion coiling about an axis,

the second retention portion being configured to be placed in a kidney of the patient and including a coil, the coil of the second retention portion being substantially perpendicular to the coil of the first retention portion,

the medial portion extending along and substantially coaxial with the axis.

53. (New) The stent of claim 52, wherein the first retention portion is composed of a first material, the second retention portion is composed of a second material, the second material being different than the first material.

54. (New) The stent of claim 53, wherein the first material has a durometer value of about 70 to about 90 on a Shore A scale.

55. (New) The stent of claim 53, wherein the second material has a durometer value of about 80 to about 95 on a Shore A scale.

56. (New) The stent of claim 52, wherein the first retention portion is composed of a first material, the second retention portion is composed of a second material, the first material being softer than the second material.

57. (New) The stent of claim 52, wherein the first retention portion is composed of a first material, the second retention portion is composed of a second material, the second material being different than the first material, the third section being composed of a coextrusion of the first material and the second material.

58. (New) The stent of claim 52, wherein the coil of the second retention portion completes at least one revolution.

59. (New) The stent of claim 52, wherein the first retention portion is homogeneous and is composed of a first material, the second retention portion is homogeneous and is composed of a second material, the second material being different than the first material.

60. (New) A medical stent comprising:

an elongate member having a first retention portion, a second retention portion, and a medial portion disposed between the first retention portion and the second retention portion,

the first retention portion configured to be placed in a bladder of a patient and including a substantially planar coil,

the second retention portion being configured to be placed in a kidney of the patient,

the medial portion defining an axis, the axis defined by the medial portion being substantially orthogonal to the substantially planar coil of the first retention portion.

61. (New) The stent of claim 60, wherein the substantially planar coil of the first retention portion coils about the axis defined by the medial portion.

62. (New) The stent of claim 60, wherein the second retention portion includes a coil, the coil of the second retention portion being substantially perpendicular to the coil of the first retention portion.

63. (New) The stent of claim 60, wherein the first retention portion is composed of a first material, the second retention portion is composed of a second material, the second material being different than the first material.

64. (New) The stent of claim 60, wherein the first retention portion is composed of a first material, the second retention portion is composed of a second material, the first material being softer than the second material.

65. (New) The stent of claim 60, wherein the first retention portion is composed of a first material, the second retention portion is composed of a second material, the second material being different than the first material, the third section being composed of a coextrusion of the first material and the second material.

66. (New) The stent of claim 60, wherein the first retention portion is homogeneous and is composed of a first material, the second retention portion is homogeneous and is composed of a second material, the second material being different than the first material.